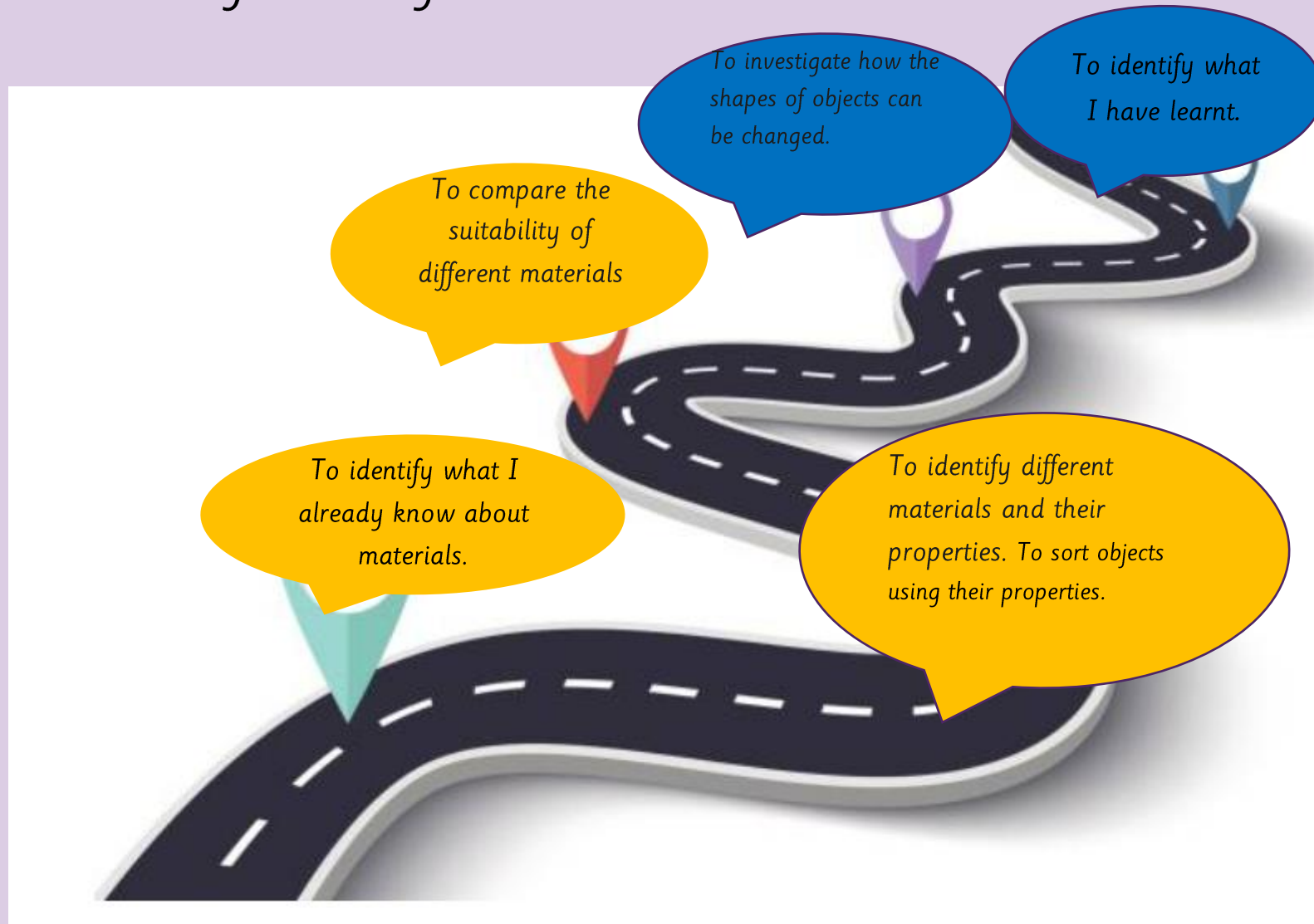


Science

Week 3

Our Science Learning Journey



Key Vocabulary:

Experiment, predict, squash, squeeze, flexible, absorbent, waterproof, transparent, opaque, crumble, bend, stretch, twist, shiny, dull, rough, smooth

LQ: Can I sort objects using their properties?

Starter

Describe your school jumper to your partner. Encourage to use star words.



Stem Sentence:

The jumper is_____.



LQ: Can I sort objects using their properties?

Steps to Success

All – I can sort objects using their properties.

Most – I can describe why the property of an object makes it useful.

Some – I can make observations.



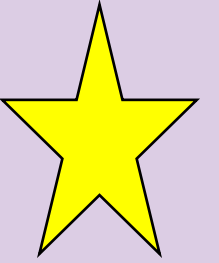
STAR WORDS



Materials

Smooth

Properties



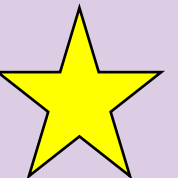
Bendy

Absorbent

Rough

Waterproof

Flexible



LQ: Can I sort objects using their properties?

TPS. What other materials can you remember? Discuss the properties.

Stem Sentence:

I remember _____.

TPS. What were their uses?

Stem Sentence:

I know that _____.

It is used for _____.

LQ: Can I sort objects using their properties?

TPs: Which material is used the most and why? Which material is used the least and why?

Stem Sentence:

_____ is used the most because_____.

_____ is used the least because_____.

Lets watch this video about materials and their properties!

<https://www.bbc.co.uk/bitesize/topics/zsrfvwx/articles/zd9w8hv>

Today's learning will be an investigation. Today we will investigate whether items with similar uses can be made from different materials.



LQ: Can I sort objects using their properties?

TPS: What material is this chair made from?

Stem Sentence:

This chair is made from _____. I know this because _____.



TPS. What about this chair?

Is it made from the same material?

I think that it is made from _____ because_____.

What does that tell you?

It tells you that _____.

It tells you that it has the same use but it is made of different materials.



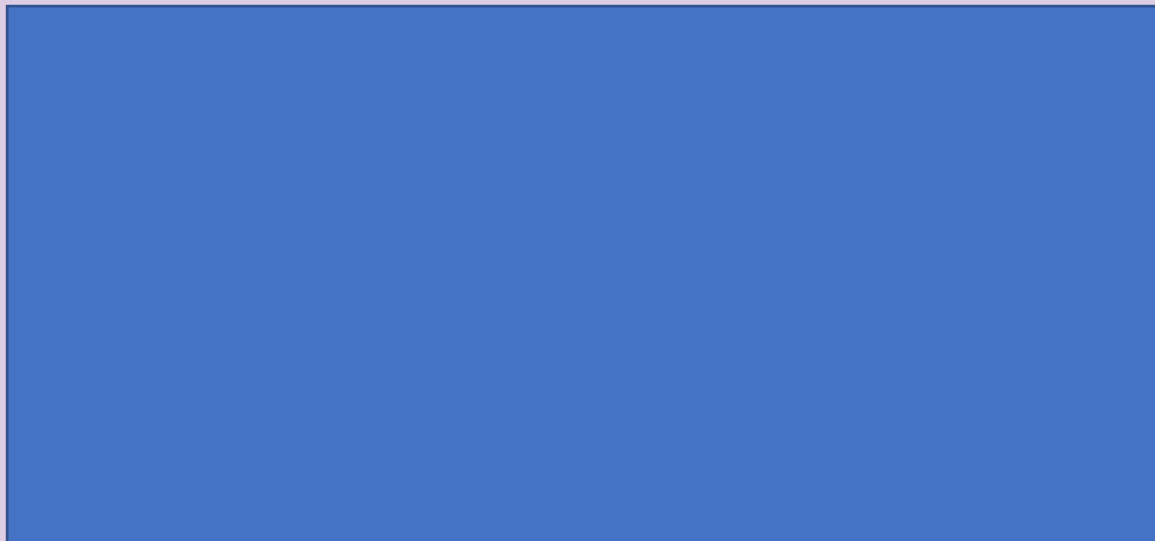
LQ: Can I sort objects using their properties?

Wednesday 24th September 2025

TPS. What other material do you think a chair can be made from?

Stem Sentence:

*I think a chair can also be made from _____
because _____.*



*Do you understand that the
objects with the same use can
be made out of different
materials?*



Wednesday 24th September 2025

LQ: Can I sort objects using their properties?

Task

Work in pairs to investigate whether items with similar uses can be made from different materials. You will have a list of items that you will need to find and identify the properties of that material.



LQ: Can I sort objects using their properties?

Wednesday 24th September 2025

Task

Word bank

plastic metal wood rock brick glass fabric

Bin	Chair	Table	bottles	Scissors	Carpet	Cupboard

Do you understand your task?



Wednesday 24th September 2025

LQ: Can I sort objects using their properties?

When you have finished your table, you will write sentences explaining why the property of a material makes an object useful. Also write what you have out such as what objects are made out of the same material but have different uses.

For example: I found out that the pencil and the cupboard are made out of the same material which is wood. Wood can be used.....

Windows are made out of glass which is transparent. This allows people to look through the glass.

Do you understand what you have to write?



- **NS: (EXP/GD)**

Which material do you think more suitable material for a chair?

Chn to out of plastic, wood, metal and fabric.

Sentence starters:

_____ is more suitable for a chair because_____.

The properties for a chair are _____. I think _____ is more suitable than _____ since_____.

NS: (WTS/ SEND/N2E/LA)

Write a sentence explaining why the property of a material makes an object useful.